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|---|----------------------|------------------------|--------------|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number   | 10/656,531             |              |
|   | Filing Date          | September 5, 2003      |              |
|   | First Named Inventor | David Baltimore        |              |
|   | Art Unit             | 1652                   |              |
|   | Examiner Name        | C. L. J. Patterson     |              |
| Total Number of Pages in This Submission  | 11                   | Attorney Docket Number | CTCH-P01-016 |

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| <b>ENCLOSURES (Check all that apply)</b>   |  |  |
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>Return Receipt Postcard |
| <b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>  |  |  |
| Firm Name  | FISH & NEAVE IF GROUP, ROPES & GRAY LLP  |  |
| Signature  |  |  |
| Printed name   | Matthew P. Vincent   |  |
| Date   | January 8, 2007  | Reg. No. 36,709  |

|   |                                    |
|---|------------------------------------|
| I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. |                                    |
| Dated: January 8, 2007  | Signature:  (Vivienne E. Sullivan) |



I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: January 8, 2007

Signature:

*Vivienne E. Sullivan*  
(Vivienne E. Sullivan)

Docket No.: CTCH-P01-016  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of: Baltimore et al.

Application No.: 10/656,531

Confirmation No.: 8769

Filed: September 5, 2003

Art Unit: 1652

For: USE OF CHIMERIC NUCLEASES TO  
STIMULATE GENE TARGETING

Examiner: Charles L. Patterson, Jr.

**AMENDMENT AND RESPONSE**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This amendment and response is being filed in reply to the outstanding Office Action, mailed on October 6, 2006 in connection with the above application. Because the due date January 6, 2007 falls on a Saturday, a response is due by Monday, January 8, 2007. Thus, this response is timely filed.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 7 of this paper.